

FIG. 1

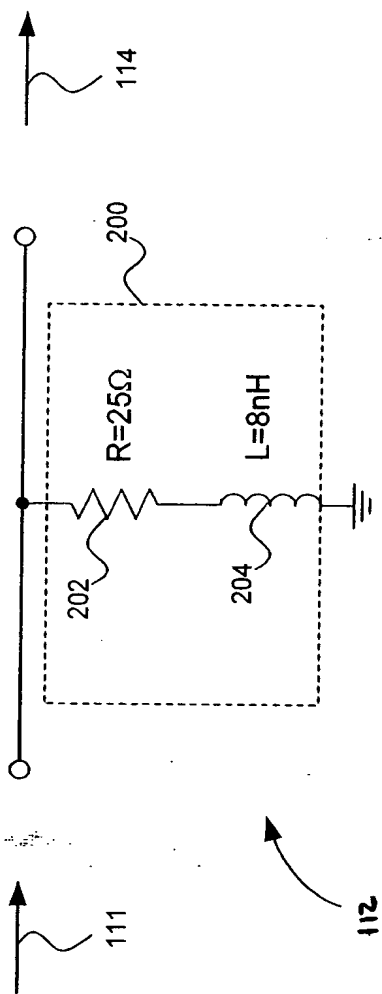


FIG. 2

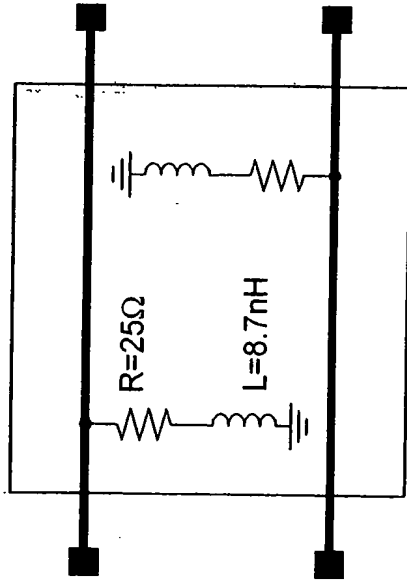


FIG. 3A

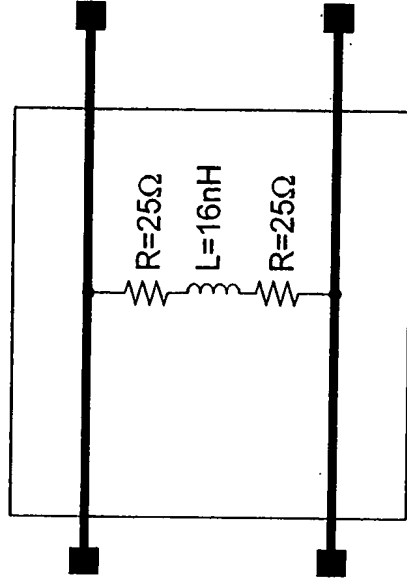


FIG. 3B

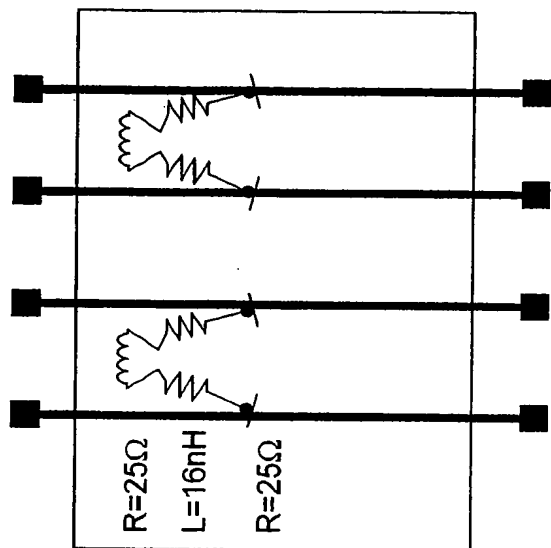


FIG. 3E

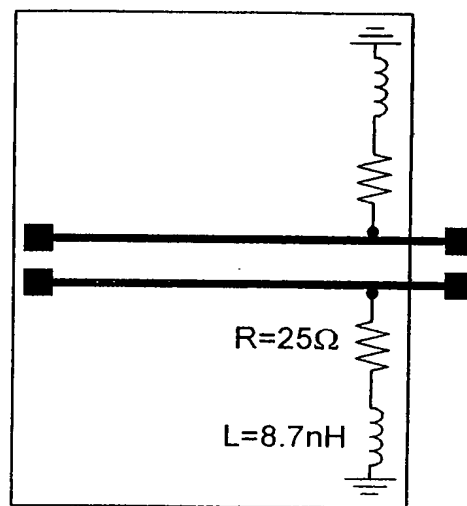


FIG. 3F

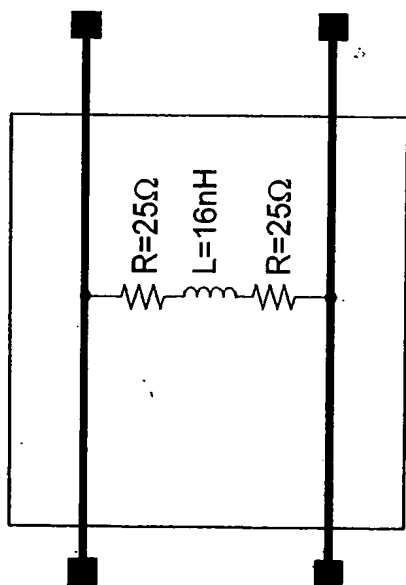


FIG. 3C

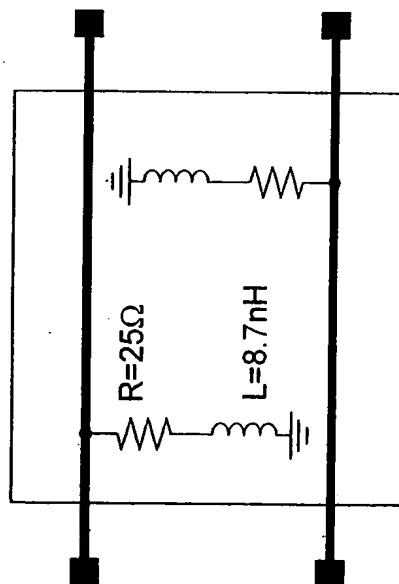


FIG. 3D

200

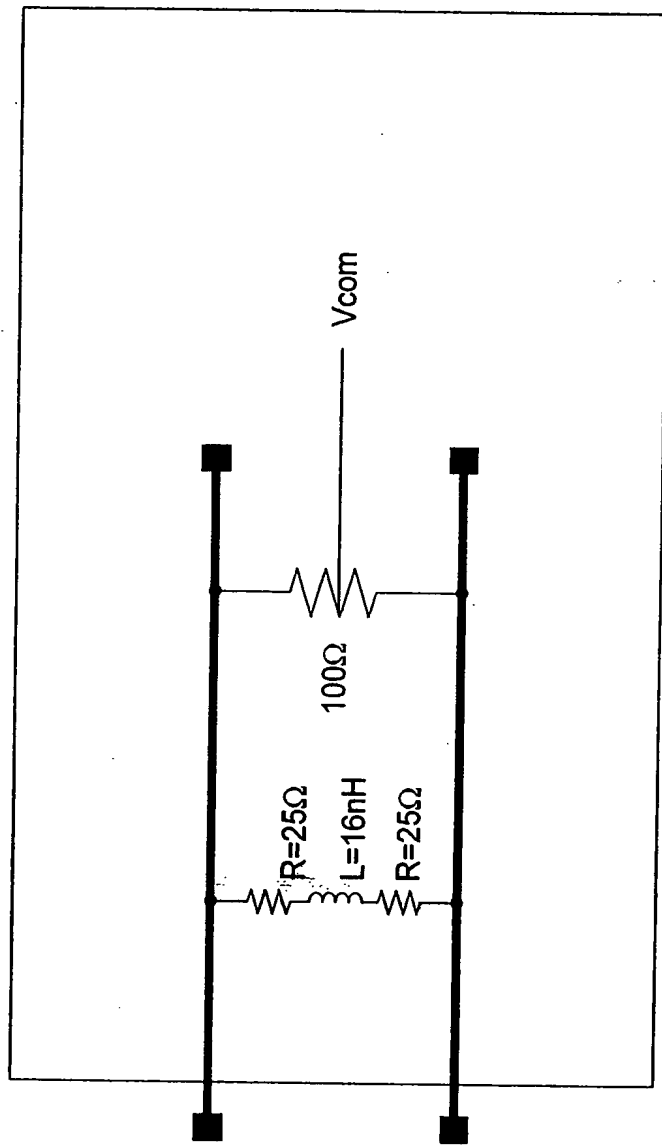


FIG. 4A

200

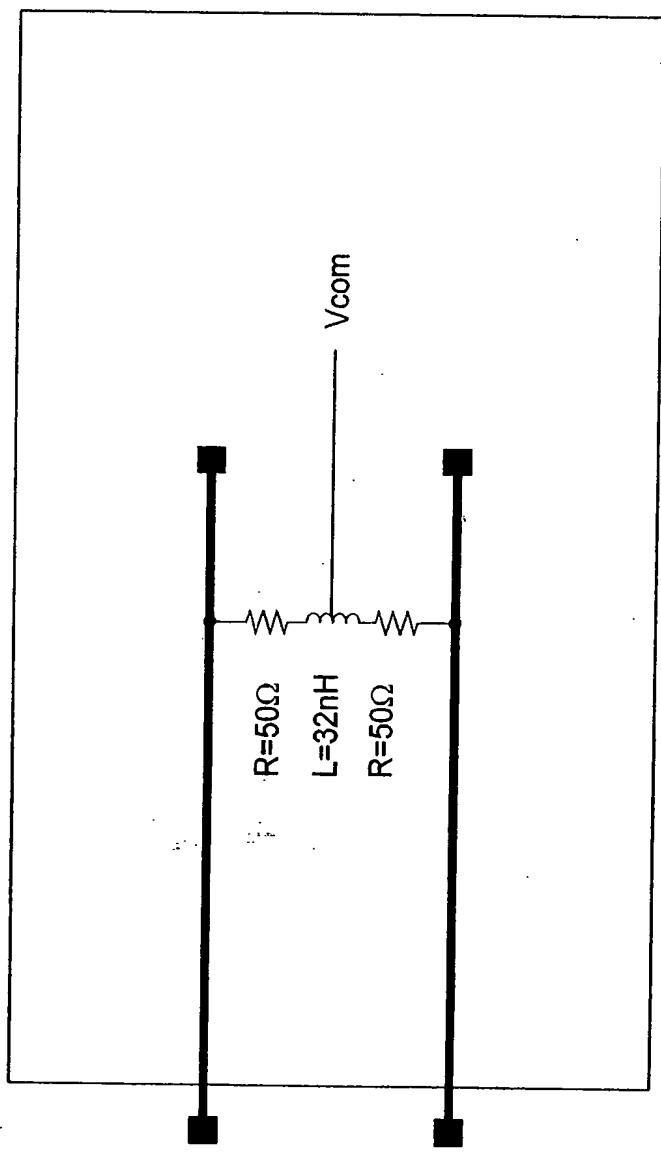


FIG. 4B

200

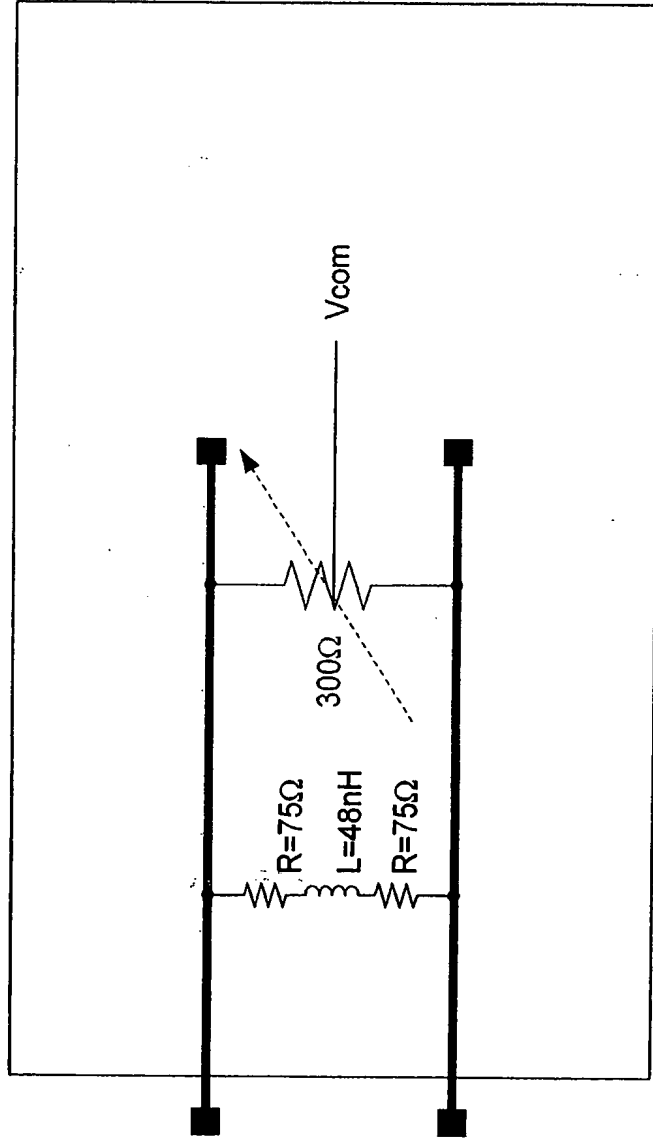


FIG. 4c

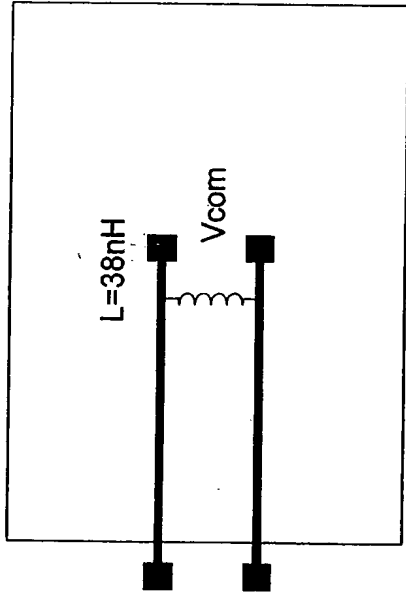
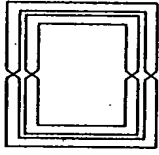
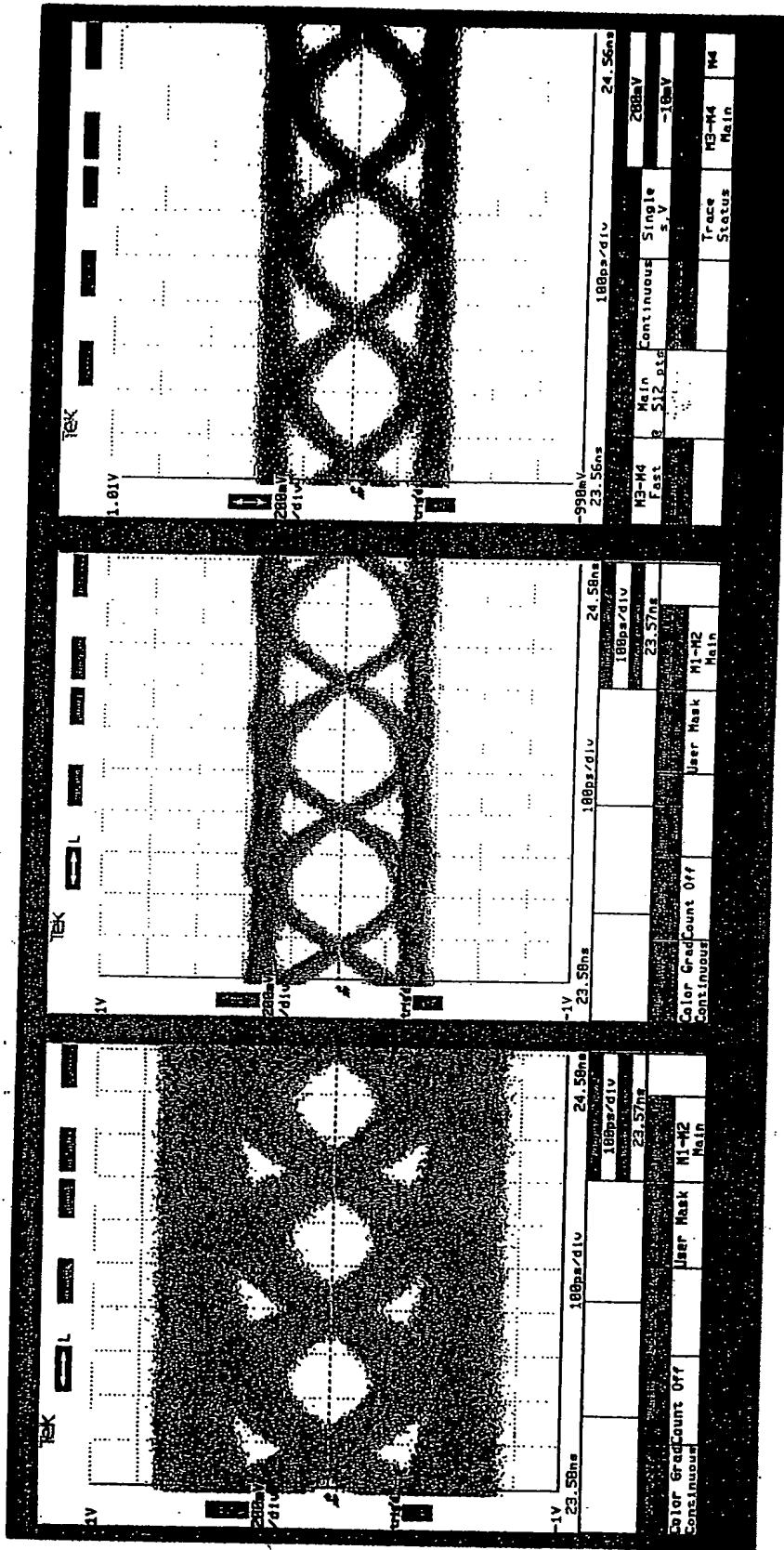


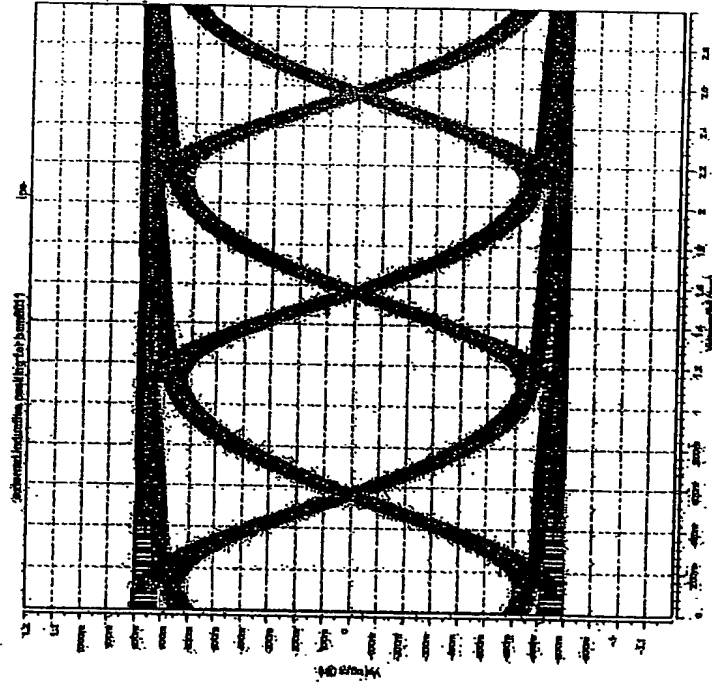
FIG. 5



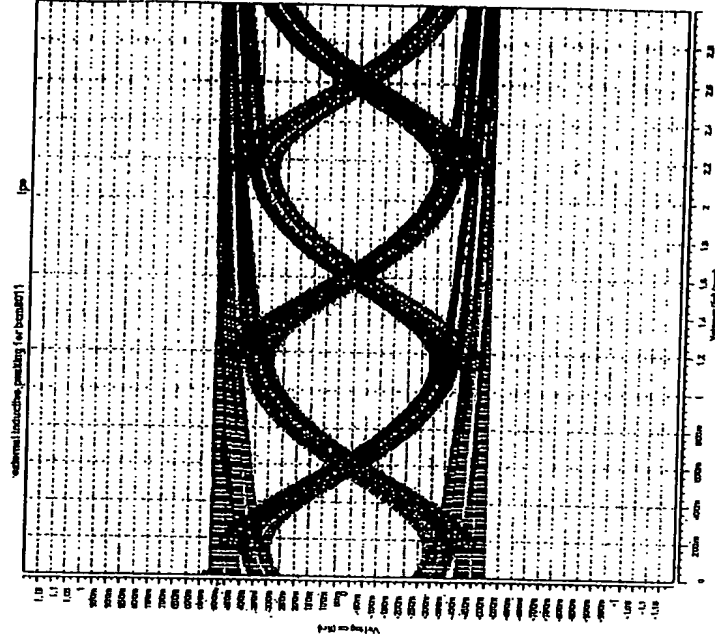
- NO pre-emphasis
- pre-emphasis ON
- External Equalizer

FIG. 6

- Random Eye Diagram @ 3.125 Gb/s "Typical FR-4 Backplane Model"



- $L = 12\text{nH}$ $R = 30\Omega$



- Pre-Emphasis

Fig. 7

800
↓

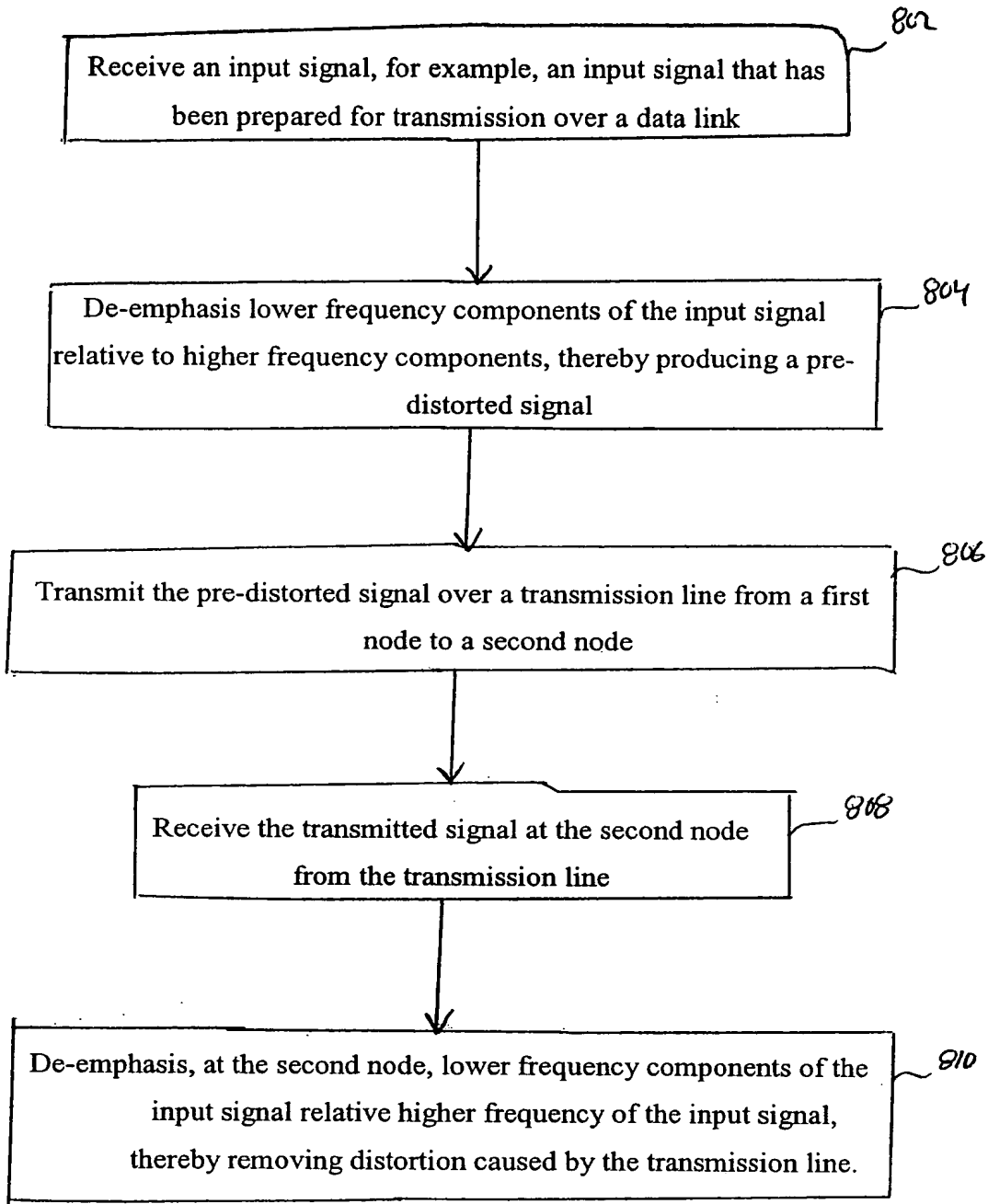


FIG 8

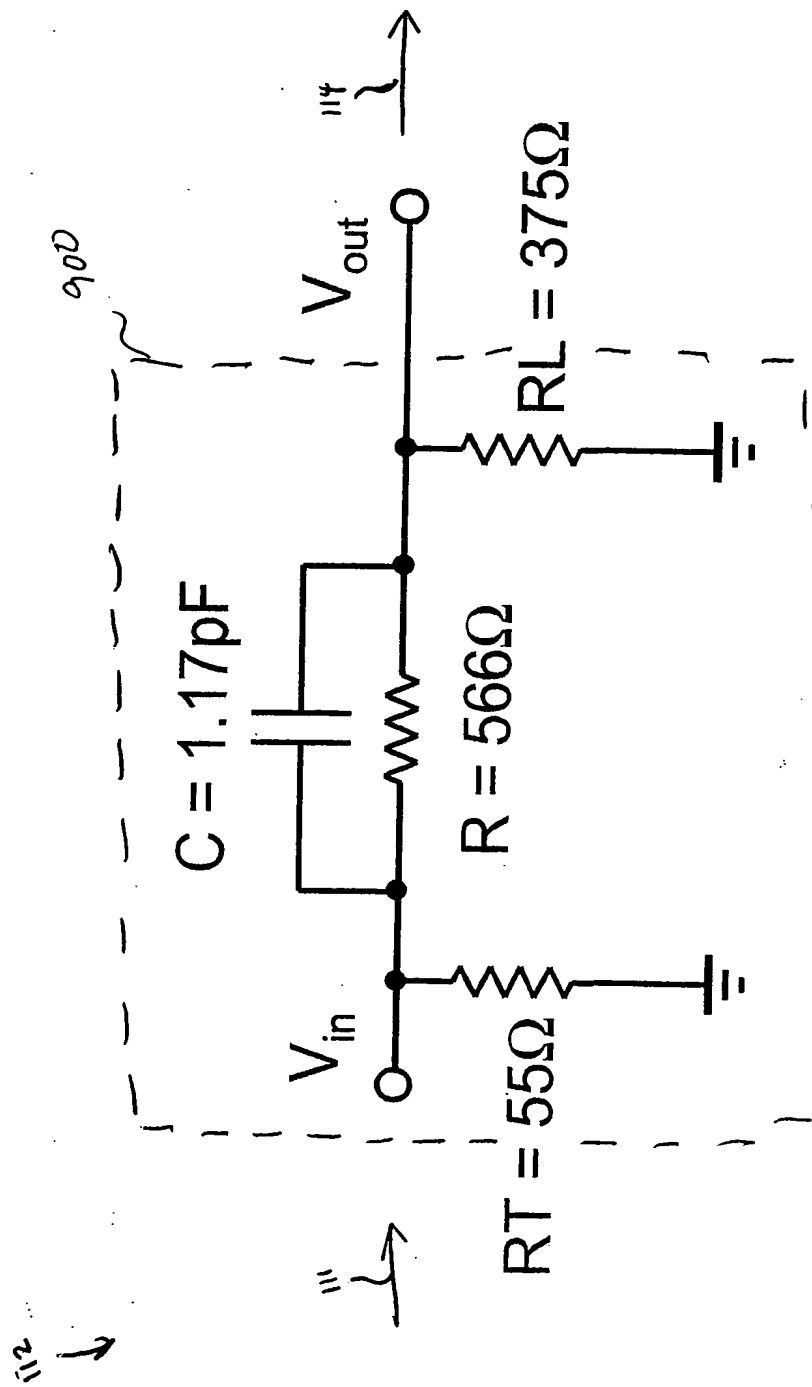


FIG. 9